Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023152.D
Acq On : 14 Oct 2019 19:28
Operator : JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
10/16/2019 7:53:59 AM

Quant Time: Oct 15 02:15:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	263398	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1152711	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	761518	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1680519	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1924062	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	2230931	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	187418	30.77	ng/uL	0.00
5) Phenol-d5	6.86	99	1856265	79.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	1039332	81.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	1419256	75.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	1485066	77.94	ng/ul	0.01
19) Nitrobenzene-d5	8.85	128	658910	74.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	681791	70.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1542351	79.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1838273	78.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	4589243	77.65	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	5358987	78.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	806203	69.04	ng/ul	0.02
58) Fluorene-d10	15.33	176	3887553	77.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	626893	57.32	ng/ul	0.00
71) Anthracene-d10	17.18	188	6249569	76.15	ng/ul	0.00
79) Pyrene-d10	19.48	212	7345670	70.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	9101442	78.86	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	195981	32.529	ng/uL#	82
4) Benzaldehyde	6.83	77	1173358	111.250	ng/ul	99
6) Phenol	6.89	94	1913074	78.413	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	1390033	75.333	ng/ul	99
10) 2-Chlorophenol	7.26	128	1494842	74.358	ng/ul	98
11) 2-Methylphenol	8.13	108	1460436	77.666	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	2027862	83.119	ng/ul	99
14) Acetophenone	8.52	105	2273765	78.059	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	1219060	81.483	ng/ul	98
16) 4-Methylphenol	8.47	108	1584325	76.200	ng/ul	99
17) Hexachloroethane	8.77	117	576958	75.520	ng/ul	99
20) Nitrobenzene	8.89	77	1708540	82.271	ng/ul	97
21) Isophorone	9.42	82	3471532	84.856	ng/ul	100
23) 2-Nitrophenol	9.59	139	772624	69.541	ng/ul	98
24) 2,4-Dimethylphenol	9.66	107	1810128	83.677	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.90	93	1966392	75.362	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	1490930	76.158	ng/ul	97
28) Naphthalene	10.53	128	4655561	74.784	ng/ul	99
30) 4-Chloroaniline	10.63	127	1913153	77.304	ng/ul	99
31) Hexachlorobutadiene	10.83	225	986053	83.248	ng/ul	99
32) Caprolactam	11.40	113	520898m	82.180	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	1694324	84.065	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	3473899	74.427	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023152.D
Acq On : 14 Oct 2019 19:28
Operator : JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
10/16/2019 7:53:59 AM

Quant Time: Oct 15 02:15:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	3329054	74.678	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	1977891	79.164	ng/ul	98
38) Hexachlorocyclopentadiene	12.51	237	1234885	78.858	ng/ul	100
39) 2,4,6-Trichlorophenol	12.76	196	1238080	74.714	ng/ul	98
40) 2,4,5-Trichlorophenol	12.83	196	1356254	75.043	ng/ul	100
41) 1,1'-Biphenyl	13.17	154	4524490	72.563	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	3498757	73.396	ng/ul	98
43) 2-Nitroaniline	13.40	65	1006897	81.448	ng/ul	95
45) Dimethylphthalate	13.80	163	4569483	75.264	ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	881282	72.799	ng/ul	96
48) Acenaphthylene	14.06	152	5467166	74.218	ng/ul	99
49) 3-Nitroaniline	14.23	138	839337	71.479	ng/ul#	97
50) Acenaphthene	14.40	153	3790134	73.858	ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	390191	50.505	ng/ul	96
53) 4-Nitrophenol	14.55	109	708741	83.044	ng/ul	98
54) Dibenzofuran	14.74	168	5416568	73.906	ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	1330910	74.516	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.96	232	1218065	76.602	ng/ul	98
57) Diethylphthalate	15.19	149	4640352	76.129	ng/ul	98
59) Fluorene	15.39	166	4471235	75.494	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.39	204	2370852	78.972	ng/ul	98
61) 4-Nitroaniline	15.41	138	991835	74.771	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	736805	60.244	ng/ul#	94
65) N-Nitrosodiphenylamine	15.60	169	3993089	72.291	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	1635204	80.659	ng/ul	96
67) Hexachlorobenzene	16.39	284	1850698	81.875	ng/ul	99
68) Atrazine	16.56	200	1583054	78.391	ng/ul	99
69) Pentachlorophenol	16.73	266	1077156	73.455	ng/ul	98
70) Phenanthrene	17.13	178	7318900	72.972	ng/ul	100
72) Anthracene	17.22	178	7518045	73.565	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	1926274	73.449	ng/uL	99
74) Pentachlorobenzene	14.66	250	2010536	76.802	ng/uL	99
75) Carbazole	17.48	167	6875555	75.698	ng/ul	99
76) Di-n-butylphthalate	18.07	149	7941410	74.158	ng/ul	99
77) Fluoranthene	19.14	202	9193087	81.497	ng/ul	98
80) Pyrene	19.51	202	9275952	68.009	ng/ul	98
81) Butylbenzylphthalate	20.43	149	3675933	65.532	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.19	252	3745818	85.463	ng/ul	99
83) Benzo(a)anthracene	21.26	228	9972627	72.193	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.23	149	5422183	68.032	ng/ul#	97
85) Chrysene	21.31	228	9250282	72.630	ng/ul	97
87) Di-n-octyl phthalate	22.10	149	9525284	62.780	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	10737584	72.527	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	10440864	73.714	ng/ul	98
91) Benzo(a)pyrene	23.41	252	10320306	74.302	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.74	276	11642604	78.916	ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	9800202	79.407	ng/ul	100
94) Benzo(g,h,i)perylene	26.43	276	9297047	78.110	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023152.D
Acq On : 14 Oct 2019 19:28
Operator : JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 02:15:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
10/16/2019 7:53:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023152.D
Acq On : 14 Oct 2019 19:28
Operator : JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 02:15:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
10/16/2019 7:53:59 AM